Applicant : MAMOUN ABU-SAMAHA
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Reply to action dated May 24, 2004

Amendments to the Claims

The following Listing of Claims replaces all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (original): A system for providing remote electronic services to a device, comprising:

an access module configured to expose messaging/collaboration data stored on a messaging/collaboration server; and

a voice interface module configured to translate messaging/collaboration service requests from a voice device for presentation to the access module and to translate a requested messaging/collaboration service deliverable from the access module for presentation to the voice device.

Claim 2 (original): The system of claim 1, wherein the voice interface module generates for presentation to the voice device a request form containing a list of one or more messaging/collaboration service options.

Claim 3 (original): The system of claim 2, further comprising a voice interface access page configured to invoke a COM (Component Object Model) object in response to a request form completed by the voice device.

Claim 4 (original): The system of claim 3, wherein the COM object is configured to instantiate a server object for transmitting a request-for-service call to the access module.

Claim 5 (original): The system of claim 1, further comprising a voice gateway for translating communications from the voice device from a first message format into a second message format.

Claim 6 (original): The system of claim 5, wherein the voice gateway is configured to translate between electronic voice signals and a voice-based markup language.

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Claim 7 (original): The system of claim 1, wherein the voice interface module is configured to communicate with the access module in accordance with the hypertext transfer protocol (HTTP).

Claim 8 (original): The system of claim 1, wherein the voice interface module is configured to filter a requested messaging/collaboration service deliverable for presentation to the voice device.

Claim 9 (original): The system of claim 1, wherein the access module and the voice interface module reside on different server computers.

Claim 10 (original): The system of claim 1, wherein the access module is configured to expose messaging/collaboration data stored on a Microsoft® Exchange® server computer.

Claim 11 (original): A system for providing remote electronic services to a device, comprising:
an access module configured to expose messaging/collaboration data stored on a messaging/collaboration server; and
a wireless interface module configured to translate messaging/collaboration service requests from a wireless device for presentation to the access module and to translate a requested messaging/collaboration service deliverable from the access module for presentation to the wireless device.

Claim 12 (original): The system of claim 11, wherein the wireless interface module generates for presentation to the wireless device a request form containing a list of one or more messaging/collaboration service options.

Claim 13 (currently amended): The system of claim 12, further comprising a wireless interface access page configured to invoke a COM (Component Object Model) object in response to a request form completed by the <u>wireless</u> ~~voice~~ device.

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Claim 14 (original): The system of claim 13, wherein the COM object is configured to instantiate a server object for transmitting a request-for-service call to the access module.

Claim 15 (original): The system of claim 11, further comprising a wireless gateway for translating communications from the wireless device from a first message transfer protocol into a second message transfer protocol.

Claim 16 (original): The system of claim 15, wherein the wireless gateway is configured to translate between a wireless application protocol (WAP) and a hypertext transfer protocol (HTTP).

Claim 17 (original): The system of claim 11, wherein the wireless interface module is configured to communicate with the access module in accordance with the hypertext transfer protocol (HTTP).

Claim 18 (original): The system of claim 11, wherein the wireless interface module is configured to filter a requested messaging/collaboration service deliverable for presentation to the wireless device.

Claim 19 (original): The system of claim 11, wherein the access module and the wireless interface module reside on different server computers.

Claim 20 (original): The system of claim 11, wherein the access module is configured to expose messaging/collaboration data stored on a Microsoft® Exchange® server computer.